TAR-AL

METROLOGIA

TAR-AL – USER'S MANUAL (BASIC/SHORT VERSION)

1. ZEROING THE MACHINE AFTER TURNING ON.

1.1 Turn ON the TAR-AL.

1.2 Make sure there are NO ATTACHMENTS/ADAPTERS on the machine.

1.3 PRESS THE F2 BUTTON 2 TIMES .

1.4 TAR-AL is ready for inserting dimensions (ID as default).

2. MESURING INTERNAL VALUES (ON CERAMICS).

2.1 Remove any adapter.

2.2 ENTER the value, i.e. 1.035 inches.

2.3 PRESS ENTER to confirm the VALUE.

2.4 PRESS F1 to EXECUTE.

3. MEASURING EXTERNAL VALUES (ON CERAMICS).

3.1 Remove any adapter.

3.2 PRESS PgUp/PgDw to enter the Main Menu.

3.3 PRESS F1) EXTERNAL.

3.4 TAR-AL is now measuring on the EXTERNAL SURFACE of the CERAMICS; insert any value + F1

4. SELECTING SCALE OF OPERATIONS (MM/INCHES).

4.1 PRESS PgUp/PgDw.

4.2 PRESS F2) PARAMETER + PASSWORD 123456

4.3 SELECT the scale: 0 for mm; 1 for inches.

4.4 PRESS ENTER.

4.5 SAVE by pressing the SHIFT + Y buttons at the same time.

4.6 PRESS ESC and redo the ZEROING PROCESS as per point 1.

5. MOVEMENT WITH CONSTANT STEPS (ADAPTER A300001 + A300002)

Manual Steps.

5.1 From the internal measurement function > INSERT the value of the step length - i.e. 1.5 inches.

5.2 PRESS ENTER to confirm.

5.3 PRESS the LEFT ARROW or RIGHT ARROW as many times as needed.

Automatic Steps.

5.4 PRESS PgUp/PgDw.

5.5 PRESS the SHIFT + RIGHT ARROW buttons at the same time.

5.6 Enter the number of cycles + ENTER then press the DOWN ARROW.

5.7 Enter the starting point of the ceramic for your measurement + ENTER then press the DOWN ARROW.

5.8 Enter the ending point of the cycle + ENTER.

5.9 Decide the step length i.e. 0.5 inch.

6.0 The ESC key activates the automatic cycle.

7.0 POSITIONS LIST : saving and editing positions (with or without tollerances).

Internal from **I1** to **I60** ; External from **E1** to **E40**.

Editing and Saving a position.

7.1 PressPgUp/PgDw.

7.2 F2) PARAMETERS

7.3 Insert password 123456

7.4 Select F4) TABLE

7.5 Select F1) EDIT T. (enabling saving and editing)

7.6 A new value can be entered, the press ENTER to save it.

7.7 After pressing ENTER on point 7.6 , the pointer is now flashing on the tolerance value.

You can either enter a value or leave blank. If you wish to leave it blank then enter the value 0.0000 + ENTER.

7.8 Repeat step 7.7 for the maximum tolerance.

7.8 Press ESC , then SHIFT + Y to save the position.

To Select a saved position.

8.0 PgUp/PgDw

8.1 Select TABLE from the menu

8.2 enter the code of the position i.e.E33 or scroll through the positions with the Down/Up Arrow

8.3 Press F1 to execute the measurement

STAND BY MODE:

After 10 minutes it will automatically switch to stand by mode.

To reactivate the unit just press any key.